**User's Manual for Digital Reading Journal**

**Introduction**

* The purpose of this program is to let a user add their read books to a tkinter GUI window and then can show those books by opening the saved books window. The user can access their saved books via a .csv file and open it in an excel spreadsheet if they wish to edit the books.
* By: Jessica Murray, July 23, 2023, My final project for SDEV 140, I had to create a GUI application using Python tkinter.

**Getting Started**

* System requirements: Should be able to run on Windows, Mac, Linux.
* Installation: An IDE program is needed with a terminal and run option to be able to download the python file, load it in the IDE and run it to bring up the GUI windows.

**Program Overview**

* The main feature of this program is to enter entry fields for a book that a user has read, add it to the program/file and to open up their saved books in another window.
* The program will open a GUI window that the user can input the info about their book from the book title, the author, the date started and finished and any notes the user would like to add their thoughts about. They can then click a button to open another GUI window to show their saved books and scroll through the list.

**Main Screen**

* The title is "My Reading Journal" and has three images that express what the program is about. It has a quill and ink pen for the writing part of what would be done in a physical journal, a person with a tablet for the digital part, and a book for the books the user is adding.
* The entry fields where the user can input the information on their book.
* The required fields indicated by "\*".
* The "Add Book" button has an image of a plus button to show that a user is adding their book to the program.
* The "Show Books" button has an image of a book to show that the user can click on it and see the books they have added to the program.
* The "Exit" button has an image of an ‘x’ to show that the user clicking it will exit the application.

**Adding a Book Entry**

* After the user has filled out each of the required fields, the user will click the add book button to add their book to the program.
* The user is required to enter text in the entry field for the book’s title, author and the date started and finished. The user does not need to add any notes if they do not want to. If the user does not have a date for starting or finishing, the user can put N/A or whatever they wish as the field is set to string and does not require any specific format.
* After the user clicks add book, the program will open a message box, letting the user know that the book was added successfully. It will then ask them if they wish to add another book. If the user says yes, the entry fields will be emptied, and the user can add a new book. If the user says no, the entry fields will stay filled with the book they just added.

**Viewing Saved Books**

* The user can click on the button to show the books that they have all added to the program. If the user has not added any books, then the program will let the user know that there are no entries.
* The saved books window from clicking the show books button, has them laid out in a grid view with a header for each of the required entry fields. The user can scroll through the books they added. The user can click the header fields to sort them by alphabetical order.

**Exiting the Application**

* The user can click the exit button to exit the application.
* A message box will pop up confirming if the user wants to exit the application. If the user clicks yes, the program will close. If the user clicks no then the application will stay open.

**Troubleshooting**

* N/A

**Frequently Asked Questions (FAQs)**

* Will an edit and delete function be added in the future?
  + Yes
* Will more entry fields be added?
  + Yes, a genre field will be added in the future and the ability to add your own photos as well. When the photo function is added, the saved books window will be laid out much differently to accommodate this feature.

**Appendix**

* The file for the saved books is saved in a .csv file wherever the program file is saved.

**Conclusion**

* Thank you for using the Digital Reading Journal program.
* Please feel free to reach out to me for any support you may need or any feedback you have!